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|-----------------------------|-------------------------|--------------|------------------------|------------------------------------|
| SERIAL NUMBER 09/390,910 | FILING DATE 09/07/99 | CLASS 398 | GROUP ART UNIT 2633 | ATTORNEY DOCKET NO. 552.111US01 |
|-----------------------------|-------------------------|--------------|------------------------|------------------------------------|

APPLICANT

JIN-YI PAN, WESTFORD, MA.

****CONTINUING DOMESTIC DATA*******
 VERIFIED

none. AC

****371 (NAT'L STAGE) DATA*******
 VERIFIED

none. AC

****FOREIGN APPLICATIONS*******
 VERIFIED

none. AC

IF REQUIRED, FOREIGN FILING LICENSE GRANTED 09/22/99

| | | | | |
|---|------------------------|---------------------|--------------------|-------------------------|
| Foreign Priority claimed 35 USC 119 (a-d) conditions met <input type="checkbox"/> yes <input checked="" type="checkbox"/> no Verified and Acknowledged <i>AC</i> <i>AC</i> <small>Examiner's Initials Initials</small> | STATE OR COUNTRY MA | SHEETS DRAWING 6 | TOTAL CLAIMS 34 | INDEPENDENT CLAIMS 4 |
|---|------------------------|---------------------|--------------------|-------------------------|

ADDRESS

STEVEN R FUNK
 ALTERA LAW GROUP LLC
 10749 BREN ROAD EAST OPUS 2
 MINNEAPOLIS MN 55343

TITLE

SYSTEM AND METHOD FOR FULLY UTILIZING AVAILABLE OPTICAL TRANSMISSION SPECTRUM IN OPTICAL NETWORKS

| | | |
|------------------------------------|---|---|
| FILING FEE RECEIVED \$1,220 | FEES: Authority has been given in Paper No. _____ to charge/credit DEPOSIT ACCOUNT NO. _____ for the following: | <input type="checkbox"/> All Fees <input type="checkbox"/> 1.16 Fees (Filing) <input type="checkbox"/> 1.17 Fees (Processing Ext. of time) <input type="checkbox"/> 1.18 Fees (Issue) <input type="checkbox"/> Other _____ <input type="checkbox"/> Credit |
|------------------------------------|---|---|